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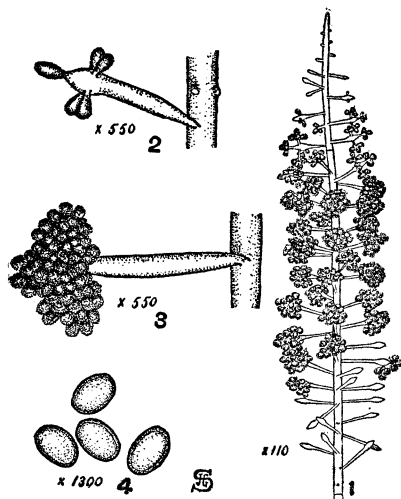
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A NEW SPECIES OF CEPHALOSPORIUM.

W. A. KELLERMAN.

A quantity of conspicuous conidiophores was noticed on a single dead stem in the greenhouse of the Botanical Department, Ohio State University. This was subjected to examination but its identification with any described species was not satisfactory

and accordingly the material was placed in the hands of Mr. J. B. Ellis for inspection, who pronounced it an undescribed species of *Cephalosporium*. A drawing to illustrate the appearance and structure was made with the aid of the camera by J. G. Sanders, the figures 1, 2-3, and 4 being magnified 110, 550, and 1300 diameters respectively, but reduced to one-half these dimensions by the engraver. The description of the species is as follows:



CEPHALOSPORIUM DENDROIDES E. & K. — On dead herbaceous stems in a green-

house (Ohio; Kellerman, 3982).

Sterile hyphæ inconspicuous; fertile hyphæ erect, continuous, hyaline, about 1 mm. high, and 6-7 μ thick, sending out from the upper half of their length numerous short branches at right angles with the central erect hyphæ, narrowed below, their tips swollen and bearing the elliptical or oblong-elliptical, hyaline, 4-6 \times 2-3 μ conidia in a loosely compacted head. The fertile hyphæ stand scattered singly and with their numerous branches bearing the snow-white conidia resemble a miniature forest after a snow storm.

Corresponds to *Stachylidium* in the Dematiæ.